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Project Progress Report

CLIENT: AEA/City of Akutan			PROJECT: Akutan Electrical Distribution Upgrade	DATE: July 21, 2010
PROJECT NO.: AEA-09-022 RQ3127			REPORT NO.: 1	REPORT PERIOD: 6/29/2010 through 7/20/2010
DATE	PRIMARY TASK	AREA	PROGRESS	
6/29	Mobilization	NA	Departed Anchorage	
6/30	Mobilization	NA	Delayed in Dutch Harbor for weather	
7/1	Mobilization	NA	Delayed in Dutch Harbor for weather	
7/2	Mobilization	NA	Arrived Akutan ~3:30pm; coordinated staging of materials & equipment; walked site	
7/3	Staging	NA	Staging of materials & equipment; materials inventory; fueled equipment	
7/4	Staging	NA	Completed Staging of equipment	
7/5	Staging	All	Staging of materials	
7/6	Staging	All	Completed staging of materials; examined Powerhouse xfmr & switchgear; freshened telephone locates	
7/7	Preliminary Prep	All	Hand dug holes to test old powerline locates; searched for xfmr 6 & 7 to no avail	
7/8	Preliminary Prep	All	Completed locates; began staking; discussed forced account labor needs	
7/9	Preliminary Prep	All	Completed staking; reviewed plan w/local officials; posted for SWPPP; established jobsite safety protocols; cleared debris from right-of-way	
7/10	Phase 1 Prep	A	Pulled & cut HDPE: JBox A to JBox B, JBox A to Xfmr 2, JBox A to Xfmr 3; pulled & cut wire: JBox A to JBox B	
7/11	Phase 1 Prep	A	Pulled & cut wire: Xfmr 3 to Xfmr 4, Xfmr 3 to Xfmr 5; loaded wire into HDPE: JBox A to JBox B, Xfmr 3 to Xfmr 4, Xfmr 3 to Xfmr 5; Pulled & cut HDPE: streetlight 6-L4 to 6-L3 to 6-L2 to 6-L1	
7/12	Trenching & Boardwalk	A	Digging by equipment & hand: ~¾ distance JBox A to JBox B; cut & set aside boardwalk @ 2 locations; installed loaded HDPE along same route; backfilled same route	
7/13	Trenching & Boardwalk	A	Completed digging: JBox A to JBox B; installed materials & backfilled same route; replaced boardwalk @ both locations; began digging: JBox A to Xfmr 4; set aside boardwalk @ 1 location	
7/14	Trenching & Boardwalk	A	Hand digging under & around existing wire & pipe; loaded HDPE installed: JBox A to Xfmr 2; backfilled same route; hand digging: JBox A to street light 6-L5 & 6-L6	
<p>SPECIAL COMMENTS:</p> <p>7/5 & 7/6 staging of materials was very slow due to use of boardwalk to protect ground from impact of excavator travel and "leap-frogged" plywood to protect boardwalk from weight of excavator combined with weight of three-phase transformers.</p> <p>7/7 delay due to xfmr 6 actual location not where noted on drawing and xfmr 7 not existing at all.</p> <p>7/10 delay due to damaged primary wire & no pulling line in HDPE.</p> <p>7/12 First day working with 2 local force account hires.</p> <p>7/13 trench through baseball field was rerouted to closer to fence at request of City; digging was extremely slow due to old abandoned fuel line found 3" below grade.</p> <p>7/14 contaminated soil encountered between JBox A & Xfmr 2; heavy rock encountered between JBox A & Streetlights.</p>				
REPORT SUBMITTED BY: Sharon Poston, Sr. Project Coordinator, MCLLC			REPORT SUBMITTED TO: Alan Feters, Project Manager, AEA	
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SPECIAL COMMENTS:

7/15 & 7/16 Slow hand digging due to 2 copper wires w/1" rusty pipe, 3" fuel line, main power line feeders to store, & 8" sewer line, all in path of trenches; non-located & apparent abandoned telephone cables accidentally cut (trouble ticket 313047).

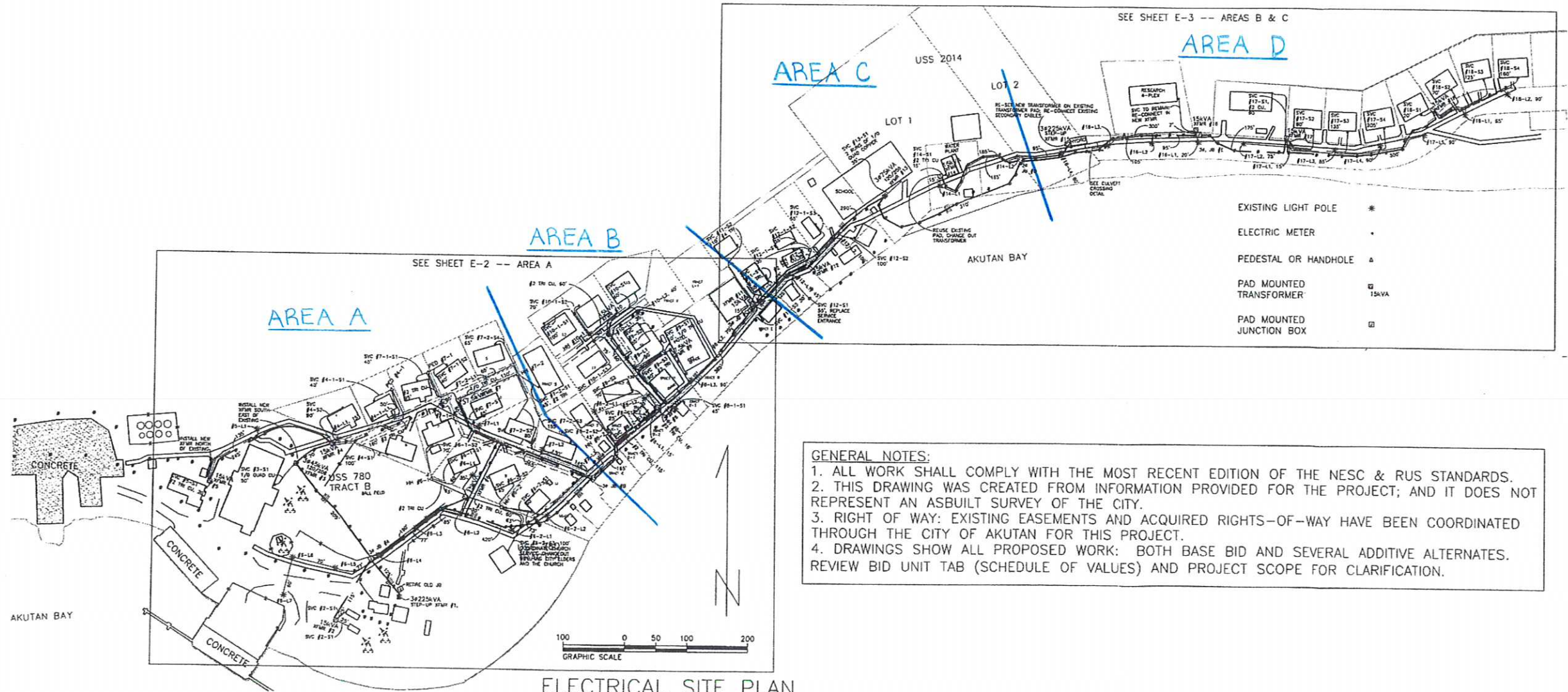
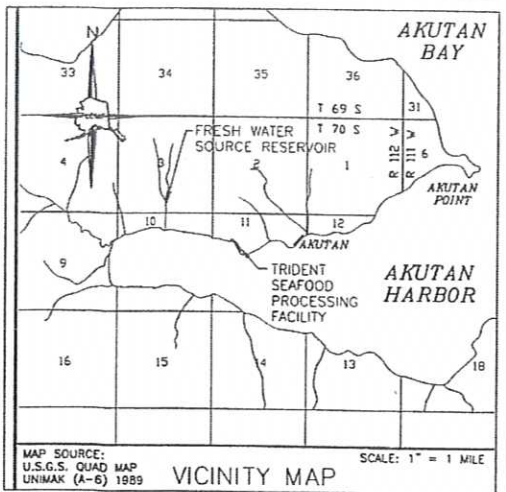
7/17 Bearing cap stolen from 4-Wheeler Trailer.

7/18 JBox C relocated directly across from old JBox

7/19 Accidental cuts of existing services: cable TV, service pipe to sewer line, copper water line to bar (all were non located, repaired & put back into place prior to backfilling.

7/20 Slow & careful hand digging required due to many non-located lines in path: fuel lines, 100 pair phone lines, power lines, gas lines, etc.

Conductor and Duct Schedule	Reference to Designation on Plan Drawings	Description	Manufacturer
Primary Cable	Single-phase - 1 conductor Three-phase - 3 conductors	1/0 Aluminum, 133% XLPE insulation, shielded, jacketed, full concentric copper neutral	Southwire HI-DRI or approved equal
Secondary/Service Cable	All services not individually identified #2 TRI CU 1/0 TRI CU 1/0 QUAD CU	#4 copper XHHW-2 #2 copper XHHW-2 1/0 copper XHHW-2	Southwire or approved equal Southwire or approved equal Southwire or approved equal
Street Light Cable	Street light cables	#8 XHHW-2	Southwire Type TC3 cable or approved equal
Street Light Riser Cable	Street Light Riser Cable	#10 XHHW-2	Duraline or approved equal
Single-phase primary duct	All single phase and three phase primary circuits	2" schedule 40 HDPE	Duraline or approved equal
Service duct	All services	1 1/2" schedule 40 HDPE	Duraline or approved equal
Street Light Circuits	All street light circuits	3/4" SDR 13.5	Duraline or approved equal



- GENERAL NOTES:**
1. ALL WORK SHALL COMPLY WITH THE MOST RECENT EDITION OF THE NESC & RUS STANDARDS.
 2. THIS DRAWING WAS CREATED FROM INFORMATION PROVIDED FOR THE PROJECT; AND IT DOES NOT REPRESENT AN ASBUILT SURVEY OF THE CITY.
 3. RIGHT OF WAY: EXISTING EASEMENTS AND ACQUIRED RIGHTS-OF-WAY HAVE BEEN COORDINATED THROUGH THE CITY OF AKUTAN FOR THIS PROJECT.
 4. DRAWINGS SHOW ALL PROPOSED WORK: BOTH BASE BID AND SEVERAL ADDITIVE ALTERNATES. REVIEW BID UNIT TAB (SCHEDULE OF VALUES) AND PROJECT SCOPE FOR CLARIFICATION.

PROJECT: ELECTRICAL DISTRIBUTION SYSTEM CONVERSION, AKUTAN, ALASKA			
DESIGNER/PROJECT ENGINEER: GME			
W.O. #: AIDEA-08-007-EEE, NTP-6			
DESIGN/CONSTRUCTION/ASBUILT REVISION			
0	ISSUED FOR CONSTRUCTION	DWN BY/DATE	11-03-09
0-1	ISSUED FOR CONSTRUCTION	CHECKED/DATE	11-07-09
		APPROVED/DATE	

OWNER

CONSULTANT

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ENGINEERING, LLC

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DRAWING NAME:
ELECTRICAL DISTRIBUTION SYSTEM CONVERSION
TO 7200/12470 AND RELATED UPGRADES
AKUTAN, ALASKA
ELECTRICAL SITE PLAN

FILE NAME:

SHEET NO.:

E-1

SHEET 1 OF 6



SHOVEL DEPTH



DITCH DEPTH





07-04-2



07-06-2010





07-10-2010



07-10-2010



07-10-2010



07-10-2010



07-10-2010



07-12-2010



07-12-2010



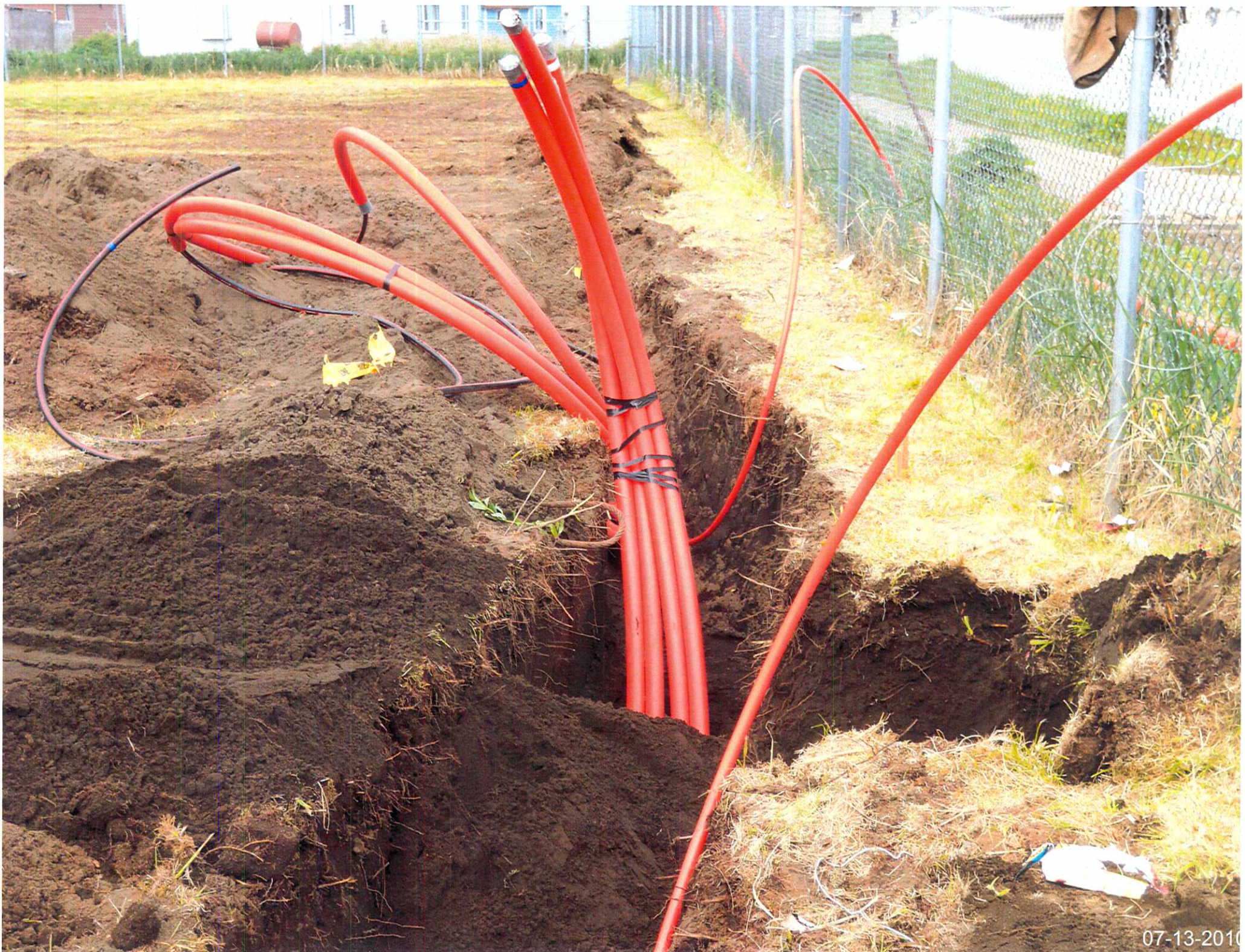
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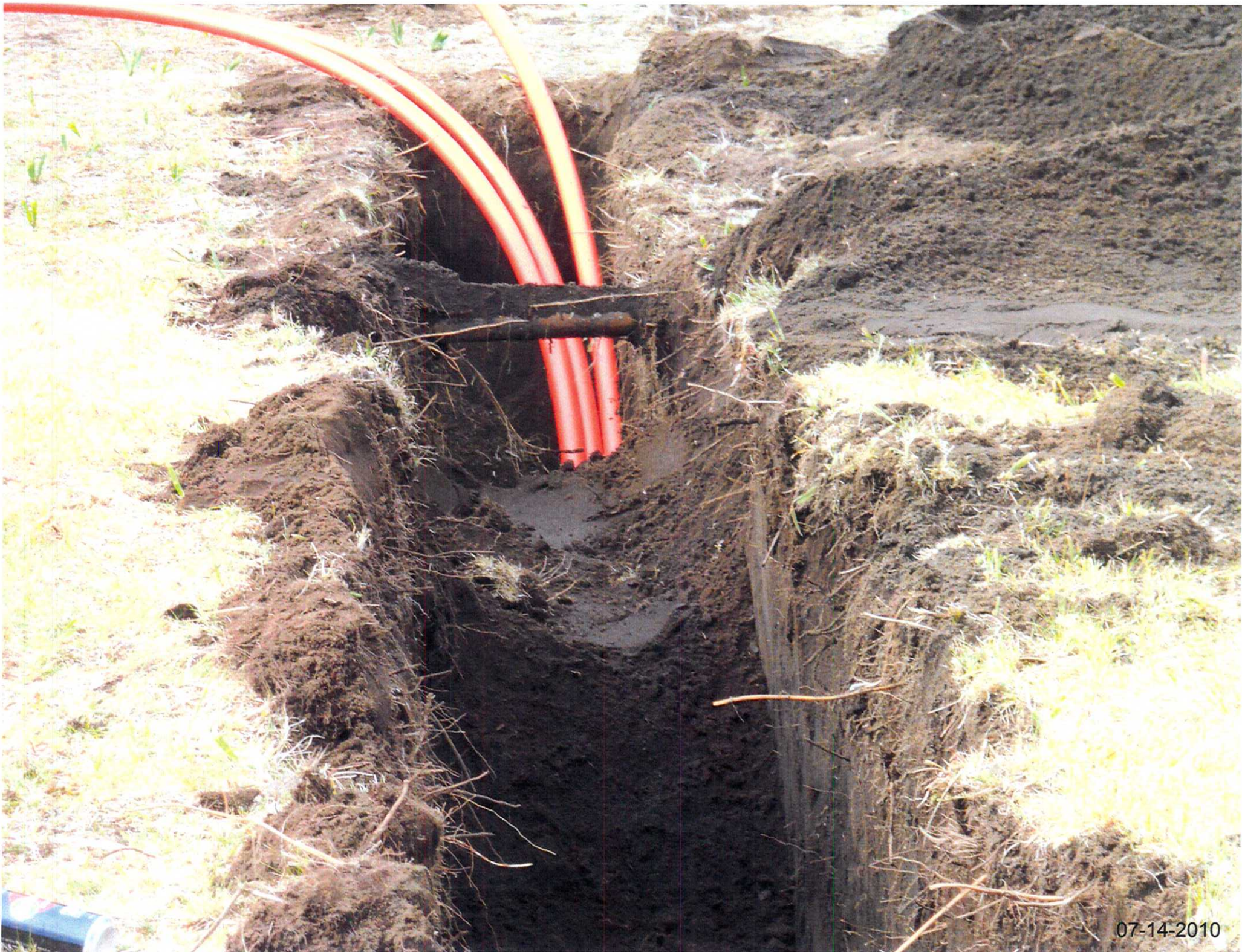


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07-16-2010





07-18-2010



7-20-2010





7-20-2010



7-20-2010



7-20-2010
AKUTAN, ALASKA

FREIGHT ARRIVAL: Transformers, Hand Holes, Junction Cabinets